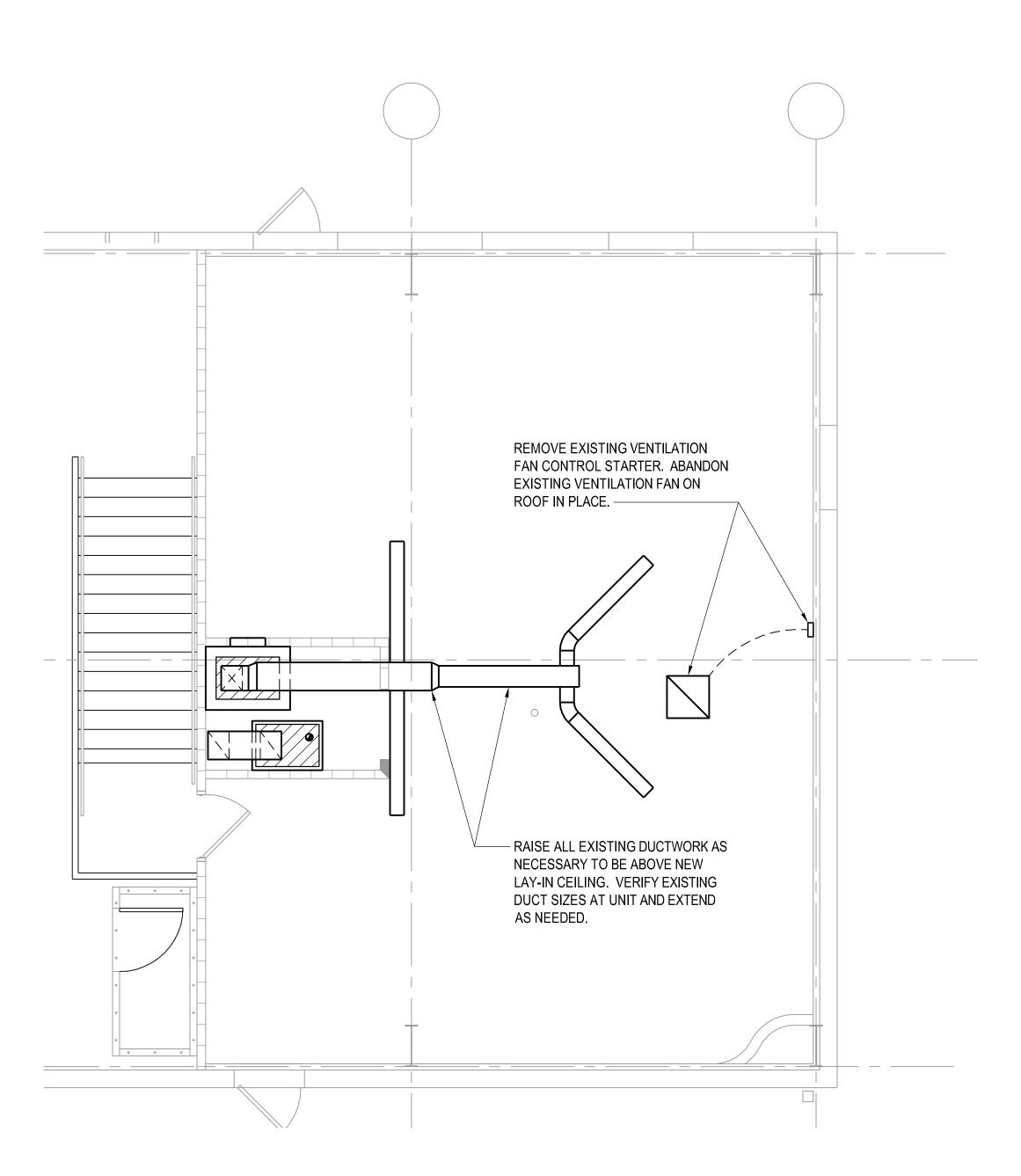


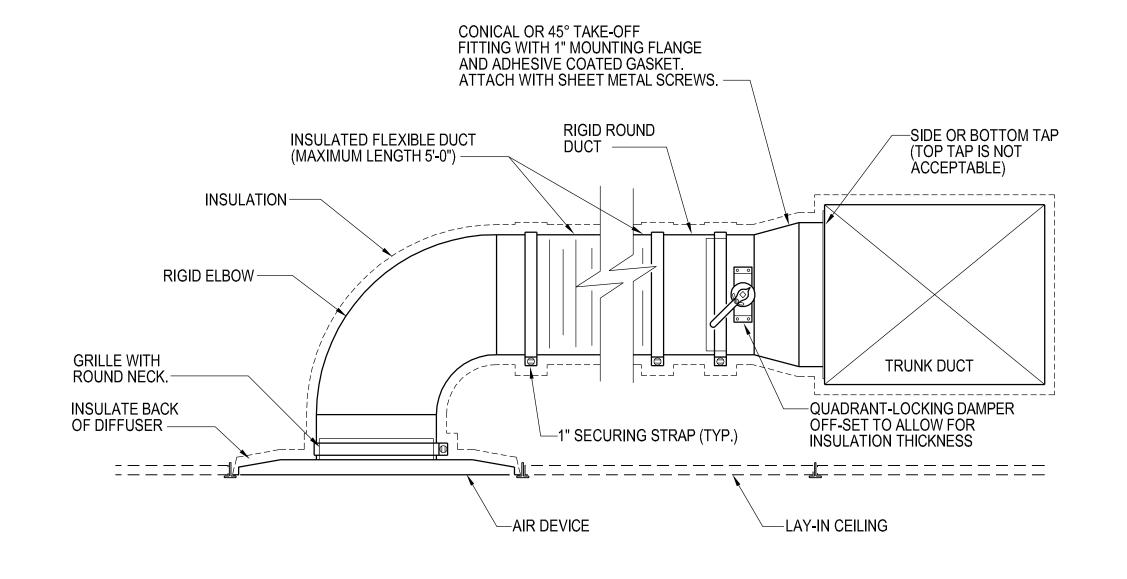
101 south spring street little rock, ar 72201 501.372.2900 Project Number 01-JUNE-2015

HVAC PLANS, DETAIL & SCHDULE

M-101

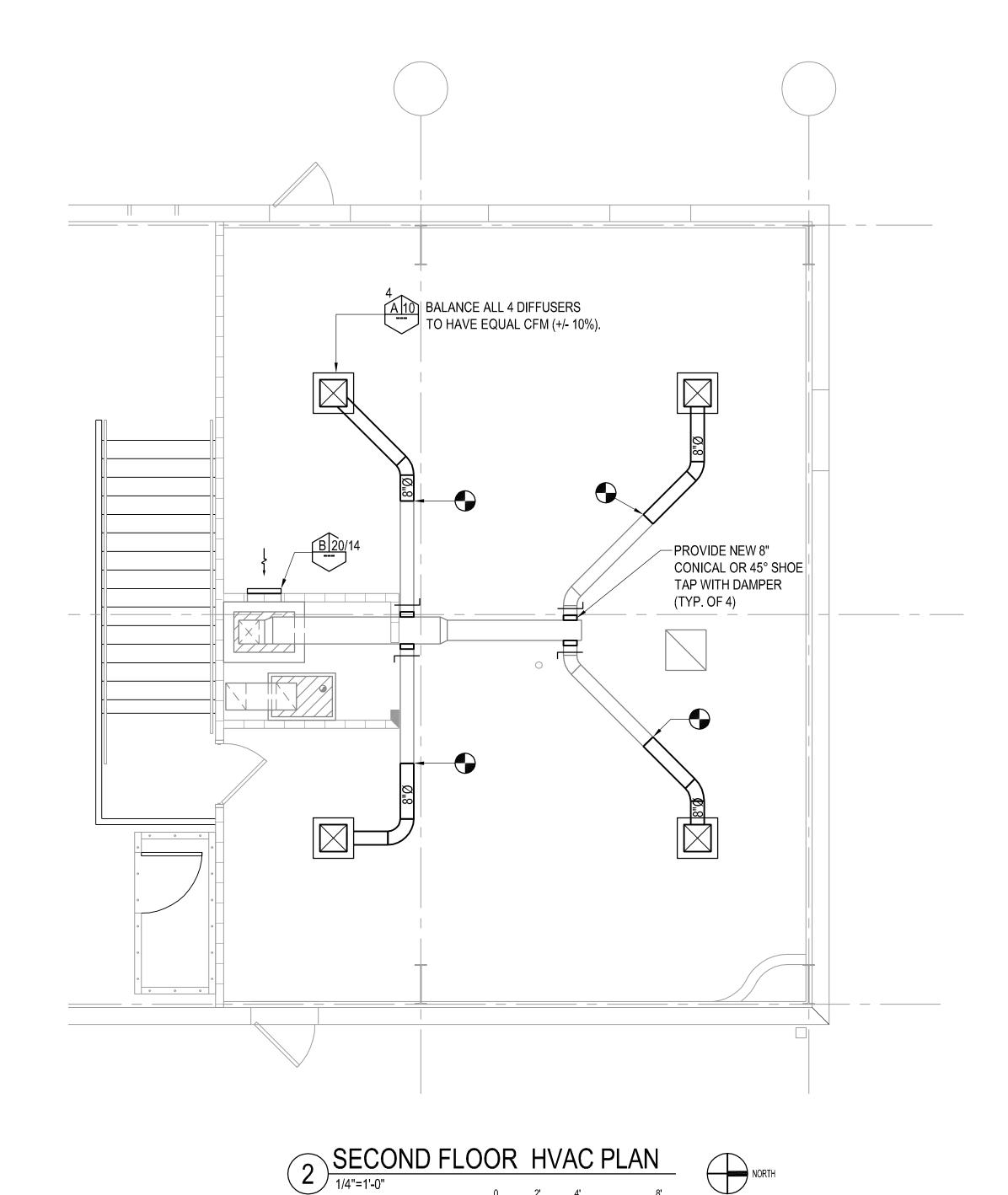






**NOTE:** FLEX SHALL BE RUN AS STRAIGHT AS POSSIBLE AND CUT TO MINIMUM LENGTH. SWEEPING BENDS TO ACCOMMODATE EXCESS LENGTH ARE NOT ALLOWED.





AIR DEVICE			NO. IF MORE THAN ONE MARK 210 CFM		
MARK	TYPE	DESCRIPTION		SIZE	REFERENCE PRODUCT
А	SUPPLY	LOUVERED		24"x24"	TITUS TMS
В	RETURN	FILTERED SIDEWALL		20"x14"	TITUS 350FLF1

SCALE: 1/4" = 1'-0"

## **GENERAL NOTES:**

- 1. ALL WORK SHALL COMPLY WITH THE 2010 EDITION OF THE "ARKANSAS MECHANICAL CODE", THE 2010 EDITION OF THE "ARKANSAS ENERGY CODE",NFPA 90A, AND ALL CITY, STATE, AND LOCAL REQUIREMENTS.
- 2. REFER TO ARCHITECTURAL PLANS FOR: \* REFLECTED CEILING PLAN FOR EXACT LOCATION OF AIR DEVICES AND CEILING TYPES.
- \* ALL WALL AND ROOF PENETRATIONS AND EQUIPMENT MOUNTING DETAILS. 3. ALL DUCTWORK SHALL BE CONSTRUCTED FROM GALVANIZED STEEL IN CONFORMANCE WITH SMACNA "HVAC DUCT
- 4. U.L. LISTED FLEXIBLE DUCT RUN-OUTS MAY BE USED, BUT SHALL NOT EXCEED 5'-0" IN LENGTH. ALL FLEXIBLE DUCT TO BE
- PROPERLY SUPPORTED WITH NO KINKS OR HARD BENDS.

CONSTRUCTION STANDARDS, "LATEST EDITION.

- 5. DUCT FITTINGS: \* SUPPLY TAKE-OFFS TO CEILING SUPPLY DIFFUSERS TO BE CONICAL TAP OR 45° SIDE TAP. \* ALL DUCT RUN-OUTS TO HAVE LOCKING QUADRANT VOLUME DAMPERS. PROVIDE STAND-OFF BRACKET TO ACCOMODATE
- INSULATION THICKNESS. \* ALL 90° ROUND ELBOWS TO HAVE R/D=1.5 (UNLESS OTHERWISE NOTED).
- \* PROVIDE HARD ELBOW WHEN TRANSITIONING FROM RIGID TO FLEXIBLE DUCT WHEN CONNECTING TO AIR DEVICES. REFER TO DETAIL.
- 6. ALL SUPPLY AIR DUCTS SHALL BE EXTERNALLY WRAPPED WITH 2" FIBERGLASS WITH FOIL-SCRIM-KRAFT VAPOR BARRIER.
- 7. DUCTWORK TO BE COORDINATED WITH EXISTING STRUCTURAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION, COMPONENTS AND SYSTEMS. ALL DUCTWORK THAT HAS TO BE OFFSET DUE TO AN OBSTRUCTION SHALL BE SLOPED WITH 2-30° ELBOWS UNLESS OTHERWISE NOTED.

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